

Table 1 {<u>Module_Code</u>, Programme_Code, Title, Module_Leader, Type, Year, Pre-requiste_1, Pre-requiste_2}

Table 2 {Programme Code, Title, School, Duration, Mode_of_Study}

Table 3 {Programme_Code, Programme_Learning_Outcome, Learning_Category, Programme_Learning_Outcome_Number}

Table 4 {Programme Learning Outcome Number, Predicate, Verb}

Table 5 {Module_Code, Module_Learning_Outcome, Module_Learning_Outcome_Number}

Table 6 {Module Learning Outcome Number, Predicate, Verb}

Table 7 {Verb, Blooms_Learning_Category}

Table 8 {Blooms Learning Category, Definition, Level_in_Taxonomy}

Assumptions & Explanations

- A Module can only occur on one degree programme and no others. While this is not the case for many modules within the School Of Computer Science, since my project is focusing on the Computer Science Degree programme for the instance of this database this assumption can stand.
- A Module can only have 2 pre-requisite modules. Again this might not always be the case for all modules on all degree programmes; however in the case of the Computer Science degree programme no modules ever state more than 2 pre-requisite modules. Therefore for the case of this database this assumption can stand.
- All Learning Outcomes identified for a specific module are unique
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- The Pre-requisite columns will hold Module Codes values. These can then be used for querying to find out what previous modules learning outcomes where and compare these to the current modules ones.
- Predicate columns state what is being classified by Blooms Verbs.
- The Learning Category column states what the programme learning outcomes fall under from four categories of learning outlined by the school Knowledge & Understanding, Intellectual Skills, Discipline Specific including practical skills, Transferable Skills
- The Verb table (Table 7) will list all the verbs that Blooms Taxonomy identified for learning and then each verb links to one of the 6 learning categories that Bloom identified in his Taxonomy.
- Blooms Learning Category table will give information relating to Blooms Taxonomy which can be used when querying to help bring clarification
- Both the Programme Learning Outcome Numbers and Module Learning Outcome Numbers will be unique to each learning outcome. The unique numbers relating
 to the Programme Learning Outcomes will start with PLO, and the Module Learning Outcome ones with MLO. This will help identify the different learning outcome
 levels and hierarchy.
- Type under the Module table refers to whether a module is compulsory or optional this will be useful for looking at the different paths that can be taken dependent on a student's modules choices.